

Notice of Allowability

Application No.

09/537,095

Examiner

Rodney G. McDonald

Applicant(s)

BARTOLOMEI ET AL.

Art Unit

1753

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After Final Amendment filed 2-16-07.
2. ☒ The allowed claim(s) is/are 1-11,30-39,46-48 and 62-65.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

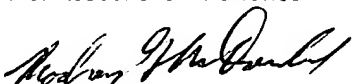
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 3-5-07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



Rodney G. McDonald
Primary Examiner
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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dan Salehi on March 5, 2007.

The application has been amended as follows:

Claim 30, line 11, replace " a respective one of said heat sources" with " the at least one heat source".

Cancel claims 49-61.

The following is an examiner's statement of reasons for allowance:

Claims 1-10 and 62 are allowable over the prior art of record because the prior art of record does not teach the improvement comprising the step of shielding the coated surface of the bulbous light emitting chamber from the heat source, whereby the step of coating is performed before the step of sealing without resulting in degradation to the performance of the coating.

Claim 11 is allowable over the prior art of record because the prior art of record does not teach coating the exterior surface of the burner envelope; shielding the coated surfaces from at least one heat source disposed proximate the bulbous light emitting chamber; and sealing the burner envelope by heating each of the tubular end portions with a respective one of the heat source to hermetically seal the burner envelope to the

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leads to thereby seal the bulbous light emitting chamber intermediate tubular end portions.

Claims 30-36 are allowable over the prior art of record because the prior art of record does not teach a method of depositing a layer of material on the exterior surface of a lamp burner envelope having a bulbous light emitting chamber including depositing a layer of material; shielding the deposited layer of material from at least one heat source disposed proximate the bulbous light emitting chamber; and sealing portions of the elements into the lamp burner envelope by heating each of the tubular end portions with a respective one of said heat sources to hermetically seal the burner envelope, whereby the protecting the deposited layer allows depositing the layer before the sealing, which allows the baking of the deposited layer of material without the presence of the elements.

Claims 37 and 38 are allowable over the prior art of record because the prior art of record does not teach a process of hermetically sealing a lamp burner envelope including the step of shielding the exposure of the coated portions of the burner envelope to temperatures greater than the certain temperature.

Claim 39 is allowable over the prior art of record because the prior art of record does not teach a method of manufacturing an IRR coated lamp burner including coating the first coated portions adjacent the uncoated portions to be exposed to temperatures greater than the certain temperature with a second coating which both (i) shields the first coating from exposure to temperatures greater than the certain temperatures during

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the sealing process and (ii) reduces the loss of infrared radiation through the end portions during operating of the lamp.

Claim 46-48 are allowable over the prior art of record because the prior art of record does not teach the claimed subject matter including coating at least a portion of the exterior surface of a bulbous lamp burner, shielding the coated surface from at least one heat source disposed proximate to the bulbous light emitting chamber; hermetically sealing each of the tubular end portions using at least one respective heat source, whereby the step of protecting the coated surface allows the step of coating to occur before the step of sealing without damage to the coated surface, whereby the step of coating may then also be performed before the step of cutting, thereby increasing the rate of lamp burner production.

Claim 63 is allowable over the prior art of record because the prior art of record does not teach claimed method including positioning a filament within the coated burner envelope; positioning one or more electrical leads so that each of the leads provides an electrical connection from the filament internal of the light emitting chamber to external of the envelope; applying power to the filament via the electrical leads; repositioning the filament to a position requiring the lowest applied power to maintain the filament at a constant temperature; and sealing the burner envelope to hermetically seal the burner envelope to the leads to thereby seal the light emitting chamber and fix the position of the filament.

Claim 64 is allowable over the prior art of record because the prior art of record does not teach the claimed subject matter including the step of shielding portions of the

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IR reflective coating to thereby prevent exposure of the coated portions of the burner envelope to temperatures greater than the certain temperatures.

Claim 65 is allowable over the prior art of record because the prior art of record does not teach the claims method including pinch sealing one of the tubular end portions while shielding the portion of the bulbous chamber adjacent the tubular end portion to thereby prevent exposure of the coating thereon from temperatures that would damage the coating.

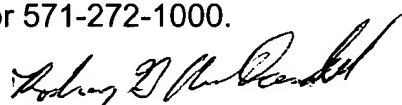
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rodney G. McDonald whose telephone number is 571-272-1340. The examiner can normally be reached on M- Th with Every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam X. Nguyen can be reached on 571-272-1342. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Rodney G. McDonald
Primary Examiner
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RM
March 5, 2007